IAP15 Rec'd PCT/PTO 18 AUG 2006

PTO-1390 (Rev. 07-2005)
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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) | ATTORNEY'S DOCKET NUMBER 3884-0129PUS1 | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | U.S. APPICATION (0) (fith dampsee 17 3R 1.5) | | | | | | | | |
| INTERNATIONAL APPLICATION NO. PCT/KR2005/000431 INTERNATIONAL FILING DATE 18 February 2005 | PRIORITY DATE CLAIMED 16 February 2005 | | | | | | | | |
| TITLE OF INVENTION A METHOD FOR SOLVING TRANSIENT SOLUTION AND DYNAMICS IN | FILM BLOWING PROCESS | | | | | | | | |
| APPLICANT(S) FOR DO/EO/US Jae-Chun HYUN; Hyun-Wook JUNG; Hyun-Seob SONG; Hyun-Chul KIM; | Joo-Sung LEE: Dong-Myeong SHIN | | | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/ | | | | | | | | | |
| X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | | | |
| This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | | | |
| This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | | | |
| 4. The US has been elected (Article 31). | | | | | | | | | |
| 5. x A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) | | | | | | | | | |
| a. x is attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | |
| b. has been communicated by the International Bureau. | | | | | | | | | |
| c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | | | |
| 6. x An English language translation of the International Application as filed (35 | x An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | | | |
| a. x is attached hereto. | | | | | | | | | |
| b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | | | |
| Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | | | | | |
| a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | |
| b. have been communicated by the International Bureau. | b. have been communicated by the International Bureau. | | | | | | | | |
| c have not been made; however, the time limit for making such amendm | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | | |
| d. x have not been made and will not be made. | | | | | | | | | |
| 8. An English language translation of the amendments to the claims under Po | CT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | | |
| 9. X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | | | | |
| An English language translation of the annexes of the International Prelimi Article 36 (35 U.S.C. 371(c)(5)). | nary Examination Report under PCT | | | | | | | | |
| Items 11 to 20 below concern document(s) or information included: | | | | | | | | | |
| 11. x An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | | | | | | |
| 12. x An assignment document for recording. A separate cover sheet in complia | tnce with 37 CFR 3.28 and 3.31 is included. | | | | | | | | |
| 13. A preliminary amendment. | | | | | | | | | |
| 4. An Application Data Sheet under 37 CFR 1.76. | | | | | | | | | |
| 5. A substitute specification. | | | | | | | | | |
| 6. A power of attorney and/or change of address letter. | | | | | | | | | |
| 7. A computer-readable form of the sequence listing in accordance with PC | T Rule 13ter.2 and 37 CFR 1.821 – 1.825. | | | | | | | | |
| 8. A second copy of the published International Application under 35 U.S.C | c. 154(d)(4). | | | | | | | | |
| A second copy of the English language translation of the international ap | plication under 35 U.S.C. 154(d)(4). | | | | | | | | |
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| U.S. APPLICATION | U.S. APPLICATION NO. J. Kriston, O. ST. CF 1.51 3 INTERNATIONAL APPLICATION NO. PCT/KR2005/000431 | | | | ATTORNEY'S DOCKET NUMBER 3884-0129PUS1 | | | | | |
|--|---|---------------|--|----------|---|------------|---------------|-------------------------|-------|-------------|
| 20. X Other items or information: Return Receipt Postcard PCT/IB/304 & PCT/IB/306 PCT/ISA/210 Five (5) Sheets of Formal Drawings | | | | | | | | | | |
| The folk | owing fee | e have | heen | submitte | ed. | | | CALCULAT | MNS | PTO USEONLY |
| | • | | | |)) | | \$300 | | | |
| 21.(X) | | . 100 (01 | | | | | | - | | - |
| 22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISAUS or the international pretiminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | | | \$ 20 | 0.00 | | |
| All other situations \$200 23. X Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | | | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB | | | | | | \$ 40 | 0.00 | | | |
| | TOTAL O | | | | | | | \$ 90 | 0.00 | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | | | | |
| Total Sheets | Extra She | eets | Number of each additional 50 or fraction RATE thereof (round up to a whole number) | | | | | | | |
| 33 - 100 = | | /50 = | x \$250.00 | | | | \$ | | | |
| Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | | | | \$ | | | |
| CLAIMS | CLAIMS NUMBER FILED NUMBER EXTRA RATE | | | | RATE | | | | | |
| Total claim | al claims 5 - 20 = | | = x | | | | 0.00 | | | |
| Independent c | laims | laims 1 - 3 = | | 1 | × | | | 0.00 | | |
| MULTIPLE DEPE | ENDENT C | LAIM(S) | (if appli | cable) | | + | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | | | | | \$ 90 | 0.00 | |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | | | | duced by 1/2. | | | |
| SUBTOTAL = | | | | | | SUBTOTAL = | \$ 900.00 | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | | \$ | | | | | |
| TOTAL NATIONAL FEE = | | | | | \$ 900.00 | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | \$ 40.00 | | | | | | |
| | | | | | | \$ | | | | |
| TOTAL FEES ENCLOSED = | | | | | | \$ 940.00 | | | | |
| | | | | | | | | Amount to b refunded: | \$ | |
| | | | | | | | | Amount to be charged | \$ \$ | |
| | | | | | | | | | | |

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. a. X A check in the amount of \$ 940.00 to cover the above fees is enclosed. 02-2448 in the amount of \$ Please charge my Deposit Account No. to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 02-2448 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Date: August 18, 2006 James T. Eller, Jr. CUSTOMER NUMBER: 02292 39,538 REGISTRATION NUMBER